

 PALM IntranetApplication Number  

IDS Flag Clearance for Application 09753982

 IDS  
Information

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
M844	2001-01-02	8	Y <input checked="" type="checkbox"/>	2001-08-25 04:54:25.0	EXPO-CONV
<input type="button" value="Update"/>					

## Refine Search

### Search Results -

Terms	Documents
L39 and L33	0

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L40

Refine Search

Recall Text

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### Search History

 DATE: Monday, July 24, 2006    [Printable Copy](#)    [Create Case](#)

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DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;  
 OP=OR

L40 L39 and L33

0 L40

L39 L35 or L36 or L38

90 L39

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

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 5297031 | 5864483 | 5611048 | 5864662 | 5539877 | 5513343 | 6349237 |  
 6104868 | 5159685 | 5483637 | 5495610 | 5883955 | 6219700 | 4972453 |  
 5621663 | 5696975 | 5729735 | 5974403 | 6289462 | 6195697 | 6067525 |  
 6006196 | 5761502 | 5694546 | 5999525 | 5109337 | 6487718 | 5832196 |  
 6157915 | 5655068 | 5819028 | 5974391 | 6470496 | 6167378 | 6006016 |  
 6199204 | 5893905 | 5974395 | 6256676 | 6151582 | 5895454 | 6347398 |  
 4491947 | 5987423 | 6314565 | 6253339 | 5907490)! [PN]

54 L38

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;  
 OP=OR

<u>L37</u>	('6606744'  'US 6606744B') [ABPN1,NRPN,PN,TBAN,WKU]	1951488	<u>L37</u>
<u>L36</u>	('6606744'  'US 6606744B')[URPN]	34	<u>L36</u>
<u>L35</u>	6606744.pn.	2	<u>L35</u>
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<u>L34</u>	L33 and (first and second)	7	<u>L34</u>
<u>L33</u>	L31 and ((item\$ or product\$) with (price or pricing or cost\$))	7	<u>L33</u>
<u>L32</u>	L31 and (price or pricing or cost\$)	25	<u>L32</u>
<u>L31</u>	((download\$ adj3 program\$) same consumer\$) and ((transfer\$ or transmit\$) with (information or data) with (server\$ or source\$)) and @ad<=20001215	27	<u>L31</u>
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L30</u>	L29 and l14 AND "BRAKE-BY-WIRE"	2	<u>L30</u>
<u>L29</u>	l25 or l27 or l28	47	<u>L29</u>
<u>L28</u>	('20040143379'  '20020108804'  '7019623'  '6612392'  '6546780'  '6474688') [URPN]	18	<u>L28</u>
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<u>L25</u>	L23 or L24	6	<u>L25</u>
<u>L24</u>	L20 and @ad<=20030117	6	<u>L24</u>
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<u>L21</u>	L20 and l14	0	<u>L21</u>
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<u>L19</u>	L15 AND L6	1	<u>L19</u>
<u>L18</u>	L15 AND L7	1	<u>L18</u>
<u>L17</u>	L16 AND L8	1	<u>L17</u>
<u>L16</u>	L15 AND (TRANSDUCER OR CONVER\$)	130	<u>L16</u>
<u>L15</u>	L14 AND "BRAKE-BY-WIRE"	170	<u>L15</u>
<u>L14</u>	"STEER-BY-WIRE"	740	<u>L14</u>
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<u>L13</u>	L8 AND (STEER\$ WITH CONVER\$)	9	<u>L13</u>
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<u>L12</u>	L8 AND (STEER\$ AND TRANSDUCER\$)	5	<u>L12</u>
<u>L11</u>	L9 AND L10	3	<u>L11</u>
<u>L10</u>	L8 AND (STEER\$ SAME TRANSDUCER\$)	3	<u>L10</u>

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L35: Entry 1 of 2

File: USPT

Aug 12, 2003

US-PAT-NO: 6606744

DOCUMENT-IDENTIFIER: US 6606744 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Providing collaborative installation management in a network-based supply chain environment

DATE-ISSUED: August 12, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mikurak; Michael G.	Hamilton	NJ		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Accenture, LLP	Palo Alto	CA			02

APPL-NO: 09/444654 [PALM]

DATE FILED: November 22, 1999

INT-CL-ISSUED: [07] G06 F 9/445 <sup>Q 30/00</sup>

US-CL-ISSUED: 717/174; 717/174, 717/178, 705/26

US-CL-CURRENT: 717/174; 705/26, 717/178

FIELD-OF-CLASSIFICATION-SEARCH: 717/168, 717/170, 717/171, 717/174, 717/177, 717/172, 717/102, 717/176, 717/178, 705/1, 705/21, 705/26, 705/28, 709/201, 709/217, 709/227

See application file for complete search history.

PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <u>4491947</u>	January 1985	Frank	
<input type="checkbox"/> <u>4972453</u>	November 1990	Daniel et al.	
<input type="checkbox"/> <u>5109337</u>	April 1992	Ferriter et al.	
<input type="checkbox"/> <u>5159685</u>	October 1992	Kung	
<input type="checkbox"/> <u>5297031</u>	March 1994	Guterman et al.	

<input type="checkbox"/>	<u>5483637</u>	January 1996	Winokur et al.	
<input type="checkbox"/>	<u>5495610</u>	February 1996	Shing et al.	709/221
<input type="checkbox"/>	<u>5513343</u>	April 1996	Sakano et al.	
<input type="checkbox"/>	<u>5539877</u>	July 1996	Winokur et al.	
<input type="checkbox"/>	<u>5611048</u>	March 1997	Jacobs et al.	713/202
<input type="checkbox"/>	<u>5621663</u>	April 1997	Skagerling	
<input type="checkbox"/>	<u>5646864</u>	July 1997	Whitney	
<input type="checkbox"/>	<u>5655068</u>	August 1997	Opoczynski	
<input type="checkbox"/>	<u>5694546</u>	December 1997	Reisman	
<input type="checkbox"/>	<u>5696975</u>	December 1997	Moore et al.	717/168
<input type="checkbox"/>	<u>5729735</u>	March 1998	Meyering	
<input type="checkbox"/>	<u>5761502</u>	June 1998	Jacobs	
<input type="checkbox"/>	<u>5764543</u>	June 1998	Kennedy	
<input type="checkbox"/>	<u>5768501</u>	June 1998	Lewis	
<input type="checkbox"/>	<u>5819028</u>	October 1998	Manghirmalani et al.	
<input type="checkbox"/>	<u>5832196</u>	November 1998	Croslin et al.	
<input type="checkbox"/>	<u>5864483</u>	January 1999	Brichta	
<input type="checkbox"/>	<u>5864662</u>	January 1999	Brownmiller et al.	
<input type="checkbox"/>	<u>5883955</u>	March 1999	Ronning	
<input type="checkbox"/>	<u>5890175</u>	March 1999	Wong et al.	
<input type="checkbox"/>	<u>5893905</u>	April 1999	Main et al.	
<input type="checkbox"/>	<u>5895454</u>	April 1999	Harrington	
<input type="checkbox"/>	<u>5907490</u>	May 1999	Oliver	
<input type="checkbox"/>	<u>5953707</u>	September 1999	Huang et al.	
<input type="checkbox"/>	<u>5974391</u>	October 1999	Hongawa	
<input type="checkbox"/>	<u>5974395</u>	October 1999	Bellini et al.	705/9
<input type="checkbox"/>	<u>5974403</u>	October 1999	Takriti et al.	
<input type="checkbox"/>	<u>5987423</u>	November 1999	Arnold et al.	
<input type="checkbox"/>	<u>5999525</u>	December 1999	Krishnaswamy et al.	
<input type="checkbox"/>	<u>6006016</u>	December 1999	Faigon et al.	
<input type="checkbox"/>	<u>6006196</u>	December 1999	Feigin et al.	
<input type="checkbox"/>	<u>6058426</u>	May 2000	Godwin et al.	
<input type="checkbox"/>	<u>6067525</u>	May 2000	Johnson et al.	
<input type="checkbox"/>	<u>6104868</u>	August 2000	Peters et al.	
<input type="checkbox"/>	<u>6105069</u>	August 2000	Franklin et al.	709/229
<input type="checkbox"/>	<u>6151582</u>	November 2000	Huang et al.	
<input type="checkbox"/>	<u>6157915</u>	December 2000	Bhaskaran et al.	705/7
	<u>6167378</u>	December 2000	Weber, Jr.	

<input type="checkbox"/>				
<input type="checkbox"/>	<u>6195697</u>	February 2001	Bowman-Amuah	
<input type="checkbox"/>	<u>6199204</u>	March 2001	Donohue	717/178
<input type="checkbox"/>	<u>6219700</u>	April 2001	Chang et al.	709/222
<input type="checkbox"/>	<u>6253339</u>	June 2001	Tse et al.	
<input type="checkbox"/>	<u>6256676</u>	July 2001	Taylor et al.	709/246
<input type="checkbox"/>	<u>6289462</u>	September 2001	McNabb et al.	713/201
<input type="checkbox"/>	<u>6314565</u>	November 2001	Kenner et al.	717/171
<input type="checkbox"/>	<u>6347398</u>	February 2002	Parthasarthy et al.	717/178
<input type="checkbox"/>	<u>6349237</u>	February 2002	Koren et al.	
<input type="checkbox"/>	<u>6470496</u>	October 2002	Kato et al.	717/173
<input type="checkbox"/>	<u>6487718</u>	November 2002	Rodriguez et al.	717/177

## OTHER PUBLICATIONS

Tan et al, "Applying component technology to improve global supply chain network management", ACM pp. 296-301, 1999.\*

Ball et al, "Supply chain infrastructures system integration and information sharing", ACM SIGMOD, vol. 31, No. 1, pp. 61-66, Mar. 2002.\*

Fu et al, "Multi agent enabled modeling and simulation towards collaborative inventory management in supply chains", ACM Proc. winter simulation, pp. 1763-1771, 2000.\*

Zhao et al, "Data management issues for large scale distributed workflow system on the internet", The database for Adv. in Inf. Sys. vo. 29, No. 4, pp. 22-32, 1998.\*

"Network Trends: Internet Technology Improves Supply Chain Management". Asia computer Trends. Singapore. Dec. 14, 1998.

"Network Two Chooses Netcool to Support Ongoing Expansion and Proactive Management Initiative", Business Wire, Nov. 2, 1998, 2 pages, [Retrieved on Mar. 19, 2002], Retrieved from: Proquest.

"Proactive Networks Offers TelAlert-Pronto Watch 2.5 Integration", business Wire, Nov. 2, 1998, 2 pages, [Retrieved on Mar. 19, 2002], Retrieved from: Proquest.

"User's Guide for Microsoft Project." 1995; Microsoft Corporation. pp. 3,4,14-16, 82-84, 91, 130, 132-134, 175, 209. Document No. Pj62476-0895.

ART-UNIT: 2122

PRIMARY-EXAMINER: Khatri; Anil

ATTY-AGENT-FIRM: Oppenheimer Wolff & Donnelly, LLP Nader; Rambed

## ABSTRACT:

A system, method and article of manufacture are provided for collaborative installation management in a network-based supply chain environment. According to an embodiment of the invention, telephone calls, data and other multimedia information are routed through a network system which includes transfer of information across the internet utilizing telephony routing information and internet protocol address information. The system includes integrated Internet Protocol (IP) telephony services allowing a user of a web application to communicate in an audio fashion in-band without having to pick up another telephone. Users can click a button and go to a call center through the network

using IP telephony. The system invokes an IP telephony session simultaneously with the data session, and uses an active directory lookup whenever a user uses the system. Users include service providers and manufacturers utilizing the network-based supply chain environment.

18 Claims, 130 Drawing figures

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L35: Entry 2 of 2

File: DWPI

Aug 12, 2003

DERWENT-ACC-NO: 2003-754690

DERWENT-WEEK: 200371

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TITLE: Collaborative installation management method involves providing integrated Internet protocol telephone services to allow user to communicate in audio fashion-in-band, during data session, just by clicking button

INVENTOR: MIKURAK, M G

PATENT-ASSIGNEE: ACCENTURE LLP (ACCEN)

PRIORITY-DATA: 1999US-0444654 (November 22, 1999)

[Search Selected](#)[Search ALL](#)[Clear](#)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <a href="#">US 6606744 B1</a>	August 12, 2003		285	G06F009/445

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 6606744B1	November 22, 1999	1999US-0444654	

INT-CL (IPC): [G06 F 9/445](#)

ABSTRACTED-PUB-NO: US 6606744B

BASIC-ABSTRACT:

NOVELTY - The data is transmitted over a network, during data session for managing installation of a service utilizing a network. An integrated Internet protocol telephony services allows user of web application to communicate in an audio fashion in-band, during data session, just by clicking a button and the communication is limited based on the user profile.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) collaborative installation management system; and
- (2) program storing instructions for collaborative installation management.

USE - For managing collaborative installation management for routing telephone calls in private branch exchange (PBX) telephone switches, central office, keys and hybrid telephone system, call accounting system, voice messaging system, computer telephony interface devices, automatic call distribution devices, Internet servers



etc.

ADVANTAGE - Economies of scale are enabled, rationalization of procurement and inventory, rationalization of distribution and logistics facilities and facilitation of development of industry wide standard.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining process for affording a network based supply chain frame work.

ABSTRACTED-PUB-NO: US 6606744B

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.3/143

DERWENT-CLASS: T01 W01

EPI-CODES: T01-N01A2E; T01-N01D1; T01-S03; W01-C05B4;

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09/753,982 -

**Results of Search in 1976 to present db for:**

**((((SPEC/match AND SPEC/bill) AND "customer profile") AND "client-server") AND interchange): 12 patents.**

*Hits 1 through 12 out of 12*

- 1 6,789,252 **T** Building business objects and business software applications using dynamic object definitions of ingrediential objects
- 2 6,754,181 **T** System and method for a directory service supporting a hybrid communication system architecture
- 3 6,731,625 **T** System, method and article of manufacture for a call back architecture in a hybrid network with support for internet telephony
- 4 6,721,713 **T** Business alliance identification in a web architecture framework
- 5 6,615,166 **T** Prioritizing components of a network framework required for implementation of technology
- 6 6,536,037 **T** Identification of redundancies and omissions among components of a web based architecture
- 7 6,519,571 **T** Dynamic customer profile management
- 8 6,473,794 **T** System for establishing plan to test components of web based framework by displaying pictorial representation and conveying indicia coded components of existing network framework
- 9 6,335,927 **T** System and method for providing requested quality of service in a hybrid network
- 10 5,999,525 **T** Method for video telephony over a hybrid network
- 11 5,867,495 **T** System, method and article of manufacture for communications utilizing calling, plans in a hybrid network
- 12 5,867,494 **T** System, method and article of manufacture with integrated video conferencing billing in a communication system architecture